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US-PAT-NO: 6528066

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TITLE: Variant varicella-zoster viruses and methods of use

DATE-ISSUED: March 4, 2003

INVENTOR-INFORMATION:

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STATE ZIP CODE COUNTRY TYPE CODE

University of Iowa Research Foundation Iowa City IA

02

APPL-NO: 09/661596 [PALM]
DATE FILED: September 14, 2000

PARENT-CASE:

CONTINUING APPLICATION DATA This application claims the benefit of U.S. Provisional Application Ser. No. 60/153,779, filed Sep. 14, 1999, which is incorporated by reference herein.

INT-CL: [07] A61 K 39/245, A61 K 39/12

US-CL-ISSUED: 424/229.1; 424/230.1, 424/204.1, 435/91.1, 435/91.33, 435/89,

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536/23.72

FIELD-OF-SEARCH: 435/89, 435/91.1, 435/91.33, 424/229.1, 424/230.1, 424/204.1,

536/23.72

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Res. 96832-96852

Search Selected

Search ALL

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PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
3985615	October 1976	Kubo	
5462734	October 1995	Letchworth, III et al.	
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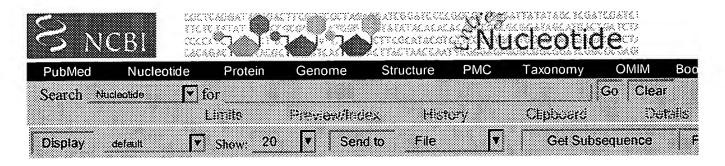
PRIMARY-EXAMINER: Salimi; Ali R.

ATTY-AGENT-FIRM: Mueting, Raasch & Gebhardt, P.A.

ABSTRACT:

The present invention provides methods directed to detecting antibodies that specifically bind to a varicella zoster polypeptide, detecting the presence of a varicella zoster virus in an animal, diagnosing a disease caused by varicella zoster virus, and detecting a varicella zoster virus having a single nucleotide polymorphism in ORF68. The present invention also provides a vaccine composition, a method for producing a modified attenuated varicella zoster virus, isolated polynucleotides, and isolated polypeptides, and viruses.

3 Claims, 11 Drawing figures



1: <u>AR283580</u>. Sequence 76 from ...[gi:29720465]

LOCUS AR283580 124884 bp DNA linear PAT 10-APR-2003 DEFINITION Sequence 76 from patent US 6528066.

ACCESSION AR283580

VERSION AR283580.1 GI:29720465

KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.

Unclassified.

REFERENCE 1 (bases 1 to 124884)
AUTHORS Grose, C.F. and Santos, R.

TITLE Variant varicella-zoster viruses and methods of use

JOURNAL Patent: US 6528066-A 76 04-MAR-2003;

FEATURES Location/Qualifiers

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BASE COUNT 33789 a 29295 c 28177 g 33623 t

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Thank you, Zac Lucas